

## ABSTRACT

Control system and method for controlling an occupant restraint system in which a plurality of electronic sensors are mounted at different locations on the vehicle, each sensor providing a measurement related to a state thereof or a measurement related to a state of the mounting location. A processor is coupled to the sensors and  
5 diagnoses the state of the vehicle based on the measurements of the sensors. The processor controls the occupant restraint system based at least in part on the diagnosed state of the vehicle in an attempt to minimize injury to an occupant.